

FIG. 1

FIG. 2 is a block diagram of a base station 110. The base station 110 includes an antenna 118, a base station processor 112, a base station memory 114, and a data port 120. The antenna 118 is connected to the base station processor 112. The base station processor 112 is connected to the base station memory 114. The base station memory 114 is connected to the data port 120. The data port 120 is connected to a network 116.

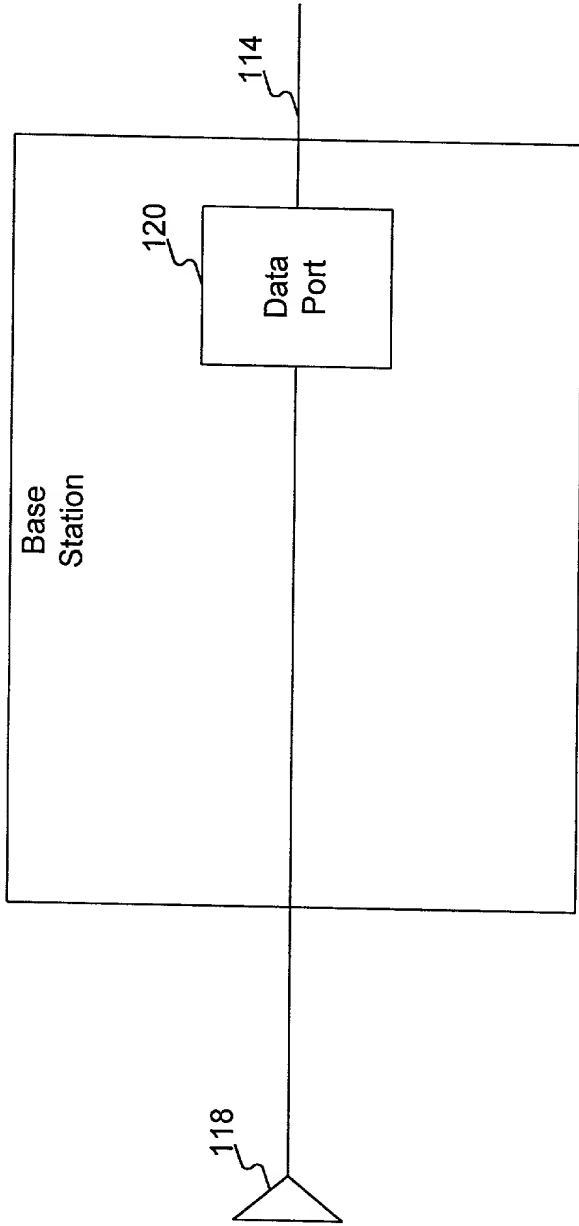


FIG. 2

FIG. 3 is a block diagram of a system 100. The system 100 includes an antenna 204, a receiver 208, a transmitter 209, a processing system 210, and a user interface 214. The processing system 210 includes a processor 210 and memory 212. The memory 212 includes a name/number database 222 and a synchronization routine 224.

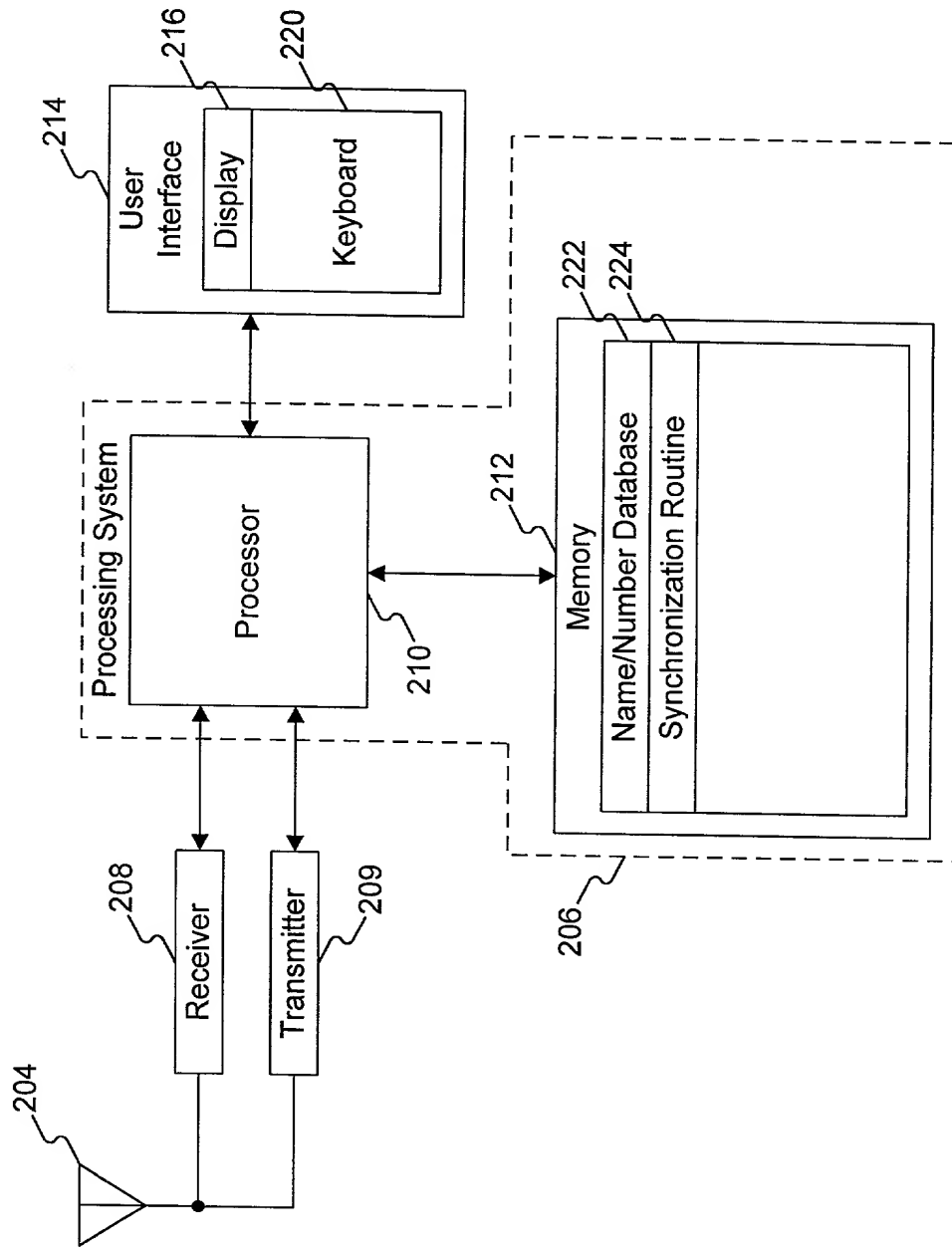


FIG. 3

FIG. 4 is a block diagram of a system architecture. The system includes a Network Interface (101) connected to a Network Interface Controller (318). The Network Interface Controller (318) is connected to a Processing System (310). The Processing System (310) includes a Computer (312) and a Mass Medium (314). The Mass Medium (314) contains a Subscriber Database (320), a Message Processing Element (322), and a Synchronization Routine (324). The Processing System (310) is connected to a Base Station Interface (304). The Base Station Interface (304) is connected to a Base Station (114).

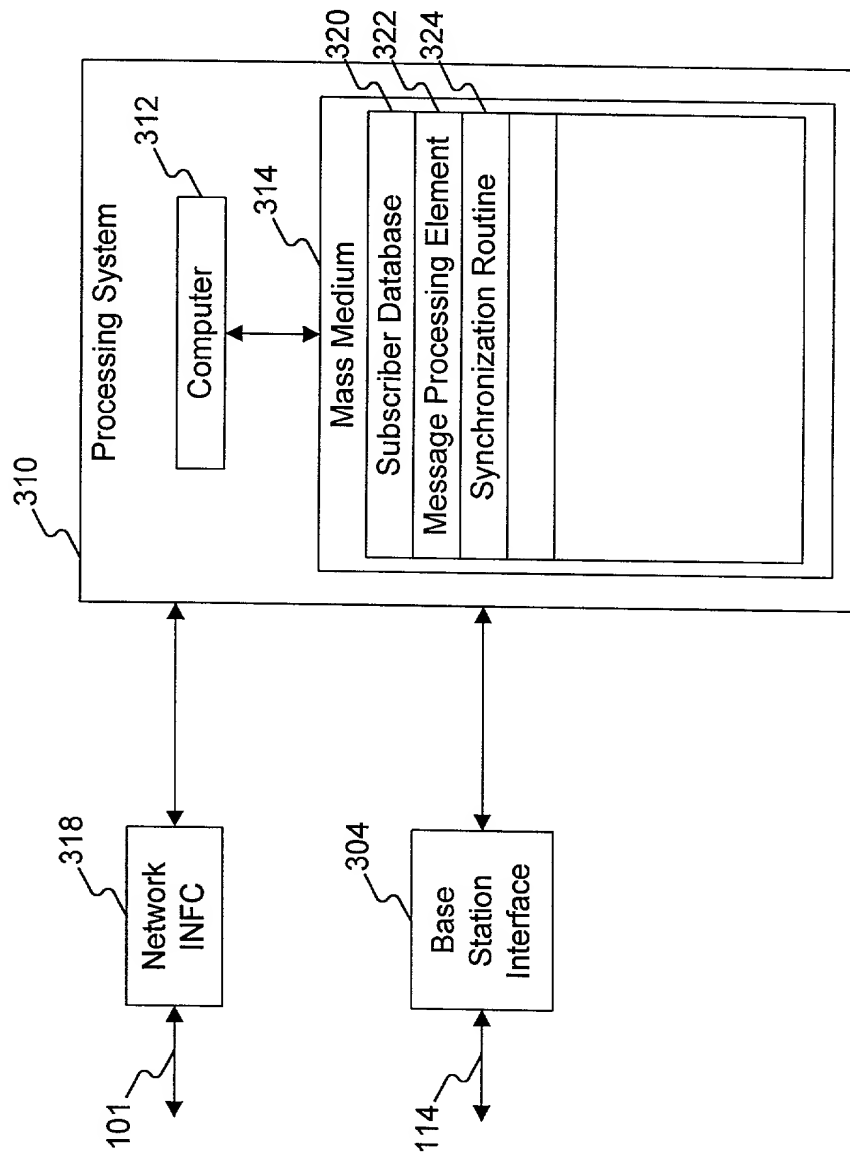


FIG. 4

Customer/Transponder ID Number	IP Address For Corresponding Computer	Contact Database	
		Name 1	Number 1
		Name 2	Number 2
		Name 3	Number 3
		Name 4	Number 4
		Name 5	Number 5

FIG. 5

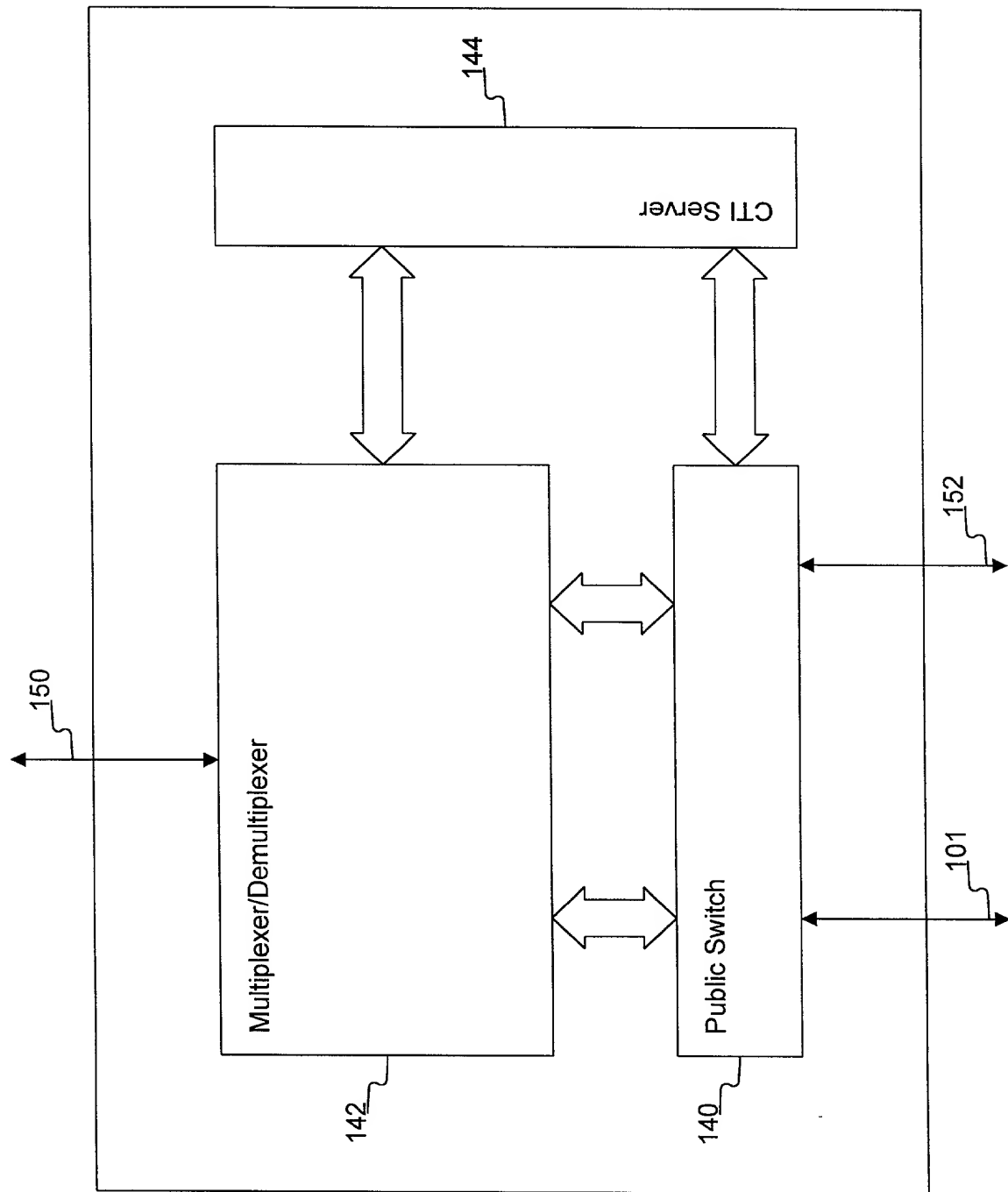


Fig. 6

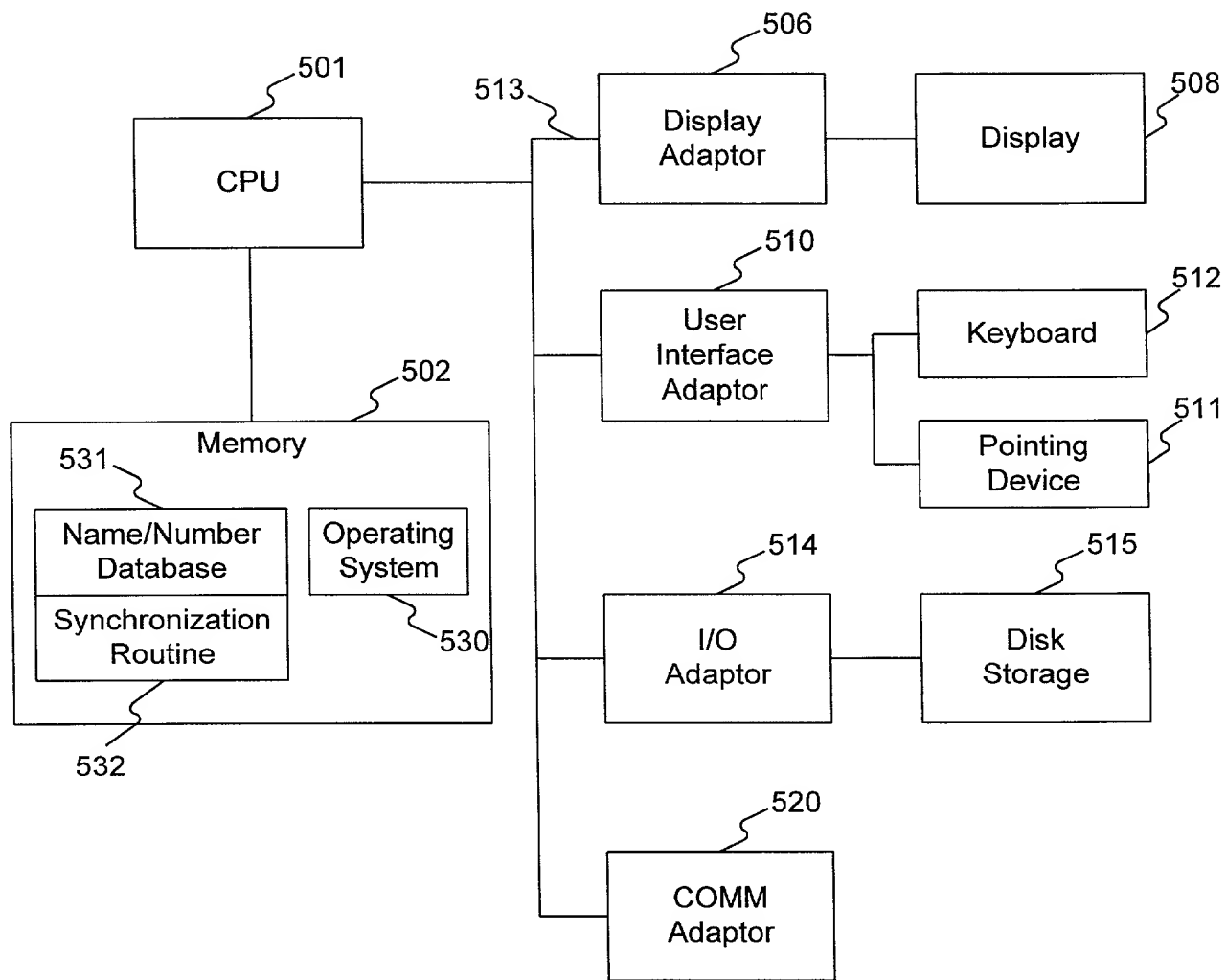


FIG. 7

FIG. 8 is a block diagram of a network packet structure 600, showing the various layers and fields of the packet. The packet is divided into five main sections: Physical, Data Link Header, IP Header, TCP Header, and Customer Data. The Physical section is further divided into Destination Address (612) and Source Address (614). The Data Link Header section is further divided into Destination Port (616) and Source Type (620). The IP Header section is further divided into Destination Address (612) and Source Address (614). The TCP Header section is further divided into Destination Port (616) and Source Type (620). The Customer Data section is further divided into Destination Address (612) and Source Address (614).

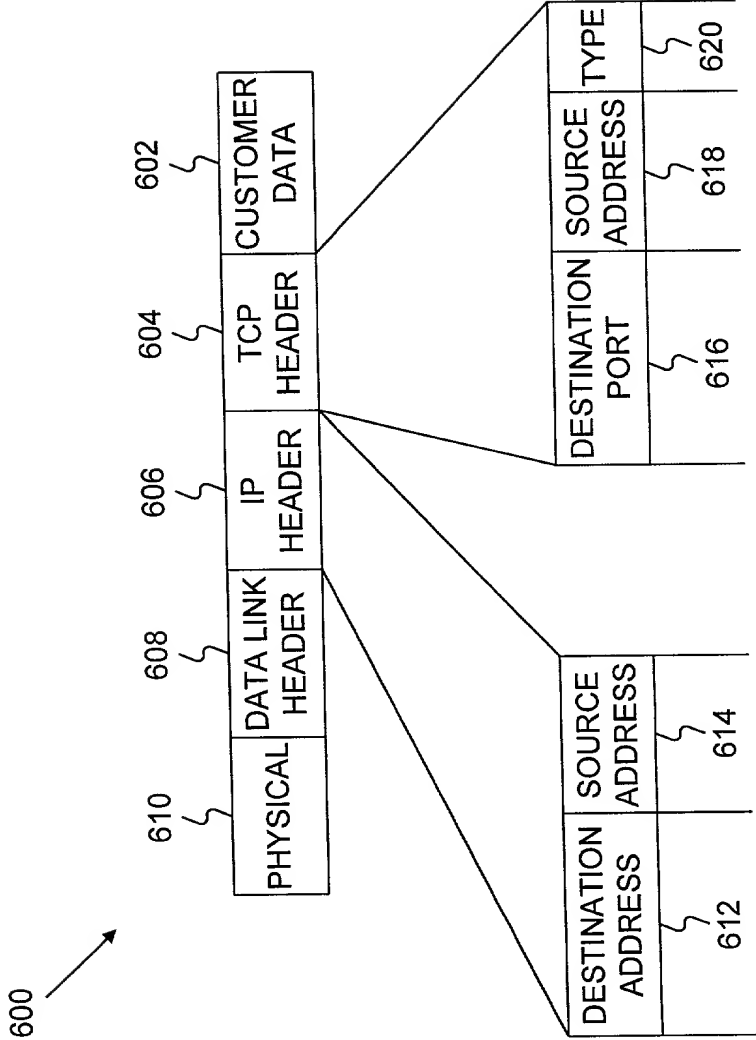


FIG. 8

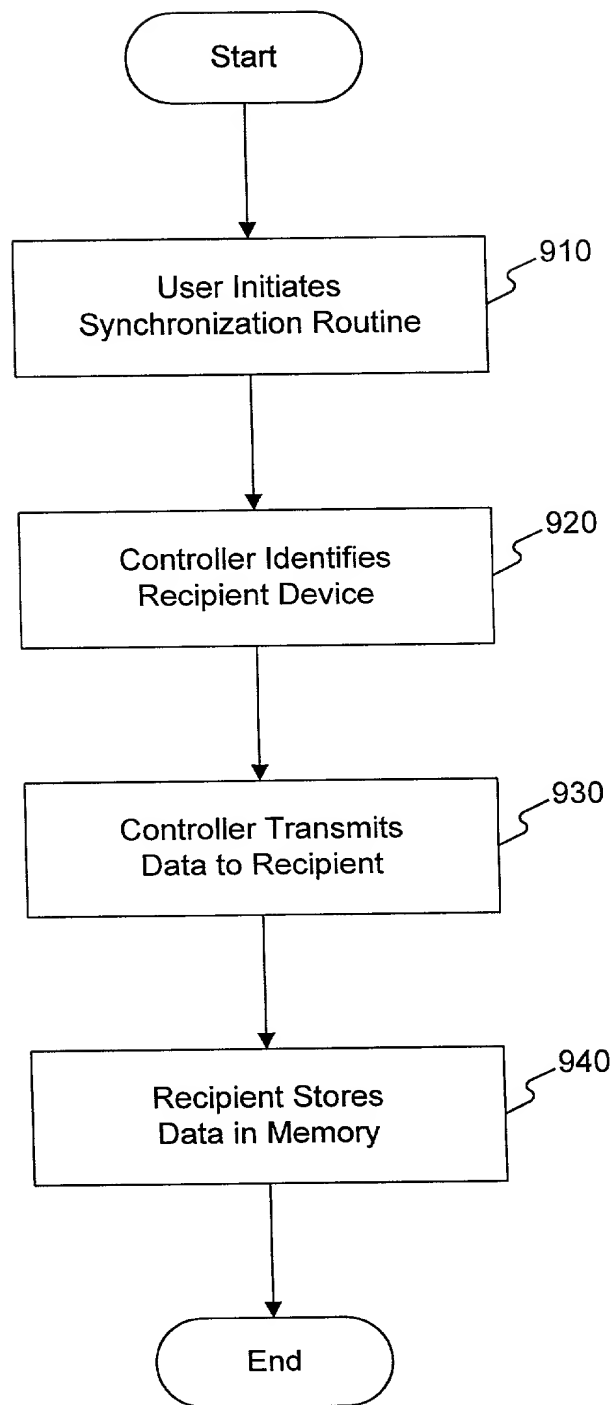


FIG. 9

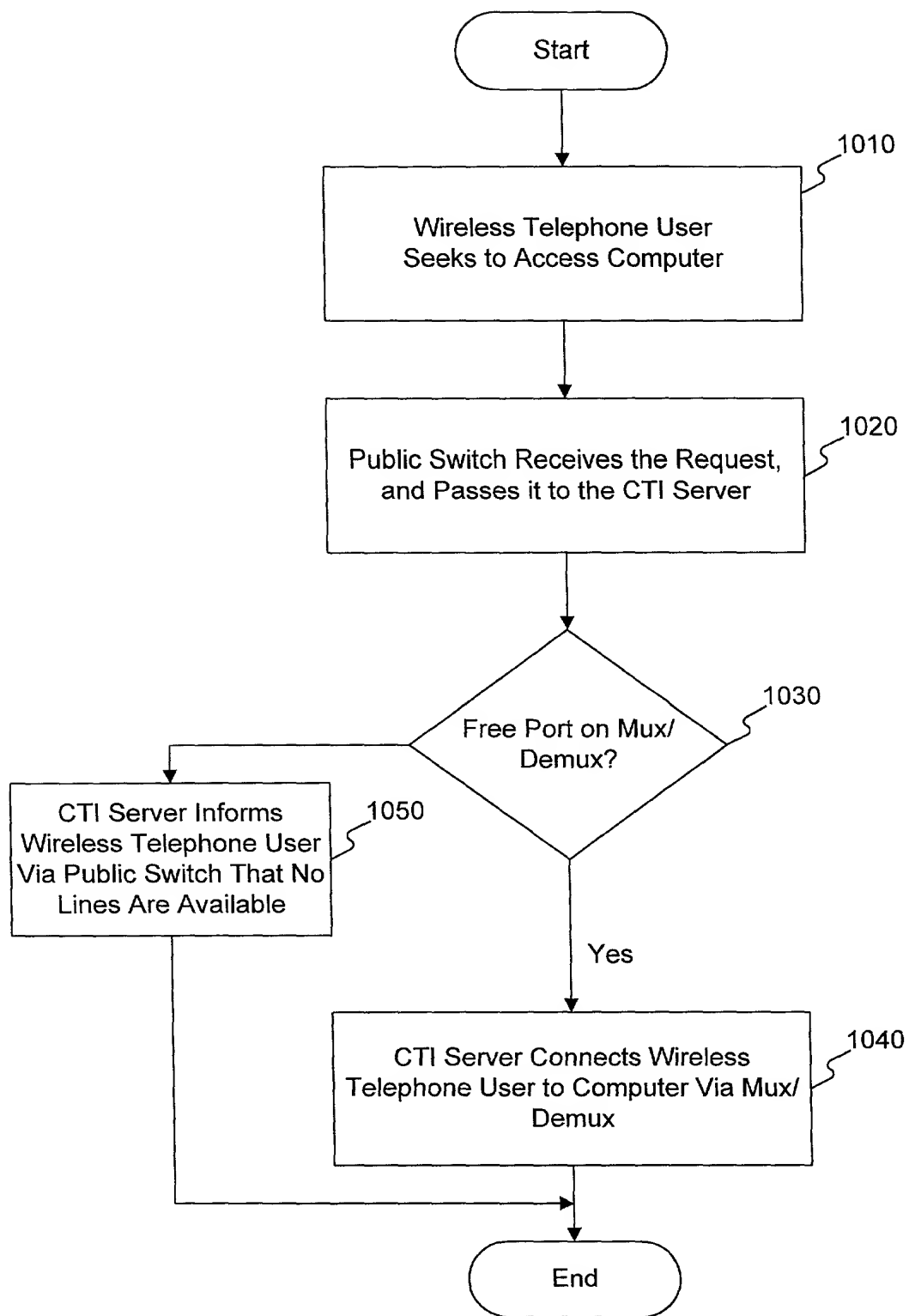


Fig. 10

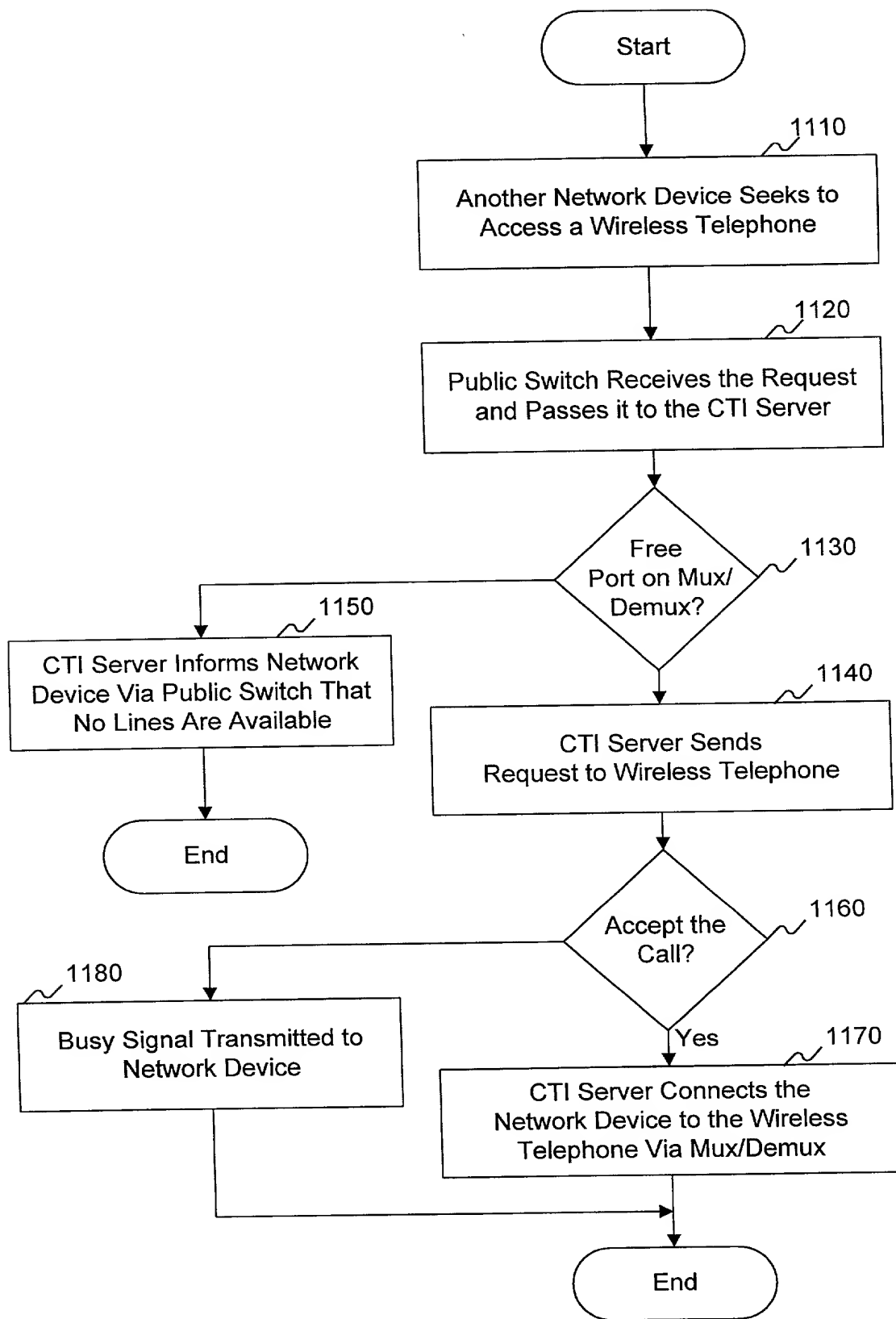


Fig. 11